**S2 Table. Secondary socio-emotional outcomes for children** <**6 years with severe malaria by acute kidney injury (AKI) status**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Unadjusted models | | | Adjusted Models | | |
|  | N (obs.), N | Mean difference (95% CI)  AKI vs. No AKI | *P* | N (obs.), N | Mean difference (95% CI)  AKI vs. No AKI | *P* |
| **Socio-emotional functiona** | | | | | | |
| Internalizing scales |  |  |  |  |  |  |
| Anxious/depressed | 1296, 379 | 0.03 (-0.12, 0.18) | 0.71 | 1276, 370 | -0.09 (-0.23, 0.06) | 0.24 |
| Withdraw/depressed | 1296, 379 | 0.20 (0.02, 0.37) | 0.03 | 1276, 370 | 0.03 (-0.14, 0.21) | 0.71 |
| Somatic complaints | 1296, 379 | 0.04 (-0.12, 0.19) | 0.63 | 1276, 370 | -0.13 (-0.28, 0.02) | 0.09 |
| Emotionally reactive | 1296, 379 | 0.03 (-0.12, 0.19) | 0.69 | 1276, 370 | -0.07 (-0.23, 0.09) | 0.39 |
| Externalizing scales |  |  |  |  |  |  |
| Aggressive behavior | 1296, 379 | 0.18 (0.01, 0.36) | 0.04 | 1276, 370 | 0.04 (-0.14, 0.22) | 0.69 |
| Attention problems | 1296, 379 | 0.13 (-0.0003, 0.26) | 0.05 | 1276, 370 | 0.10 (-0.04, 0.24) | 0.16 |
| Sleep problems | 1296, 379 | 0.10 (-0.07, 0.27) | 0.23 | 1276, 370 | -0.05 (-0.23, 0.14) | 0.62 |
| **Executive functionb** | | | | | | |
| Behavior Regulation scales |  |  |  |  |  |  |
| Inhibit | 726, 298 | 0.34 (0.06, 0.63) | 0.02 | 571, 283 | 0.03 (-0.28, 0.34) | 0.86 |
| Task shifting | 726, 298 | 0.33 (0.09, 0.57) | 0.008 | 571, 283 | 0.08 (-0.16, 0.32) | 0.52 |
| Emotional control | 726, 298 | 0.14 (-0.09, 0.37) | 0.23 | 571, 283 | -0.16 (-0.41, 0.08) | 0.18 |
| Metacognition Index |  |  |  |  |  |  |
| Plan/organize | 726, 298 | 0.47 (0.18, 0.75) | 0.001 | 571, 283 | 0.10 (-0.18, 0.38) | 0.49 |
| Working memory | 726, 298 | 0.43 (0.18, 0.69) | 0.001 | 571, 283 | 0.16 (-0.11, 0.43) | 0.25 |

**Abbreviations:** CI, confidence interval; P, P-value; N (obs.), number of observations in the model; N, the number of children in the analysis.

aAssessed using the Child Behavior Checklist (CBCL)

bAssessed using the Behavior Rating Inventory of Executive Function (BRIEF)

All linear mixed models were fitted with a subject specific random intercept and a caretaker random effect and visit as a categorical variable (baseline, 6 months, 12 months, 24 months).

Adjusted models included age, sex, height-for-age, weight-for-age, socioeconomic status, home environment, maternal education, preschool exposure, presence of coma on admission, number of seizures during hospitalization, parenteral antimalarial treatment (quinine vs. artemisinin), year of enrollment and test administrator as fixed effects.